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Paushkin, Ya. M. and Yuzvyak, A. G.
 PRODUCTION OF VINYL CYCLOHEXANE AND OF
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Trans. of Neftskhimiya (USSR) 1961, v. 1 [no. 1]
 p. 60-64. (Abstract available)

DESCRIPTORS: *Butadienes, Polymerization, *Cyclo-
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 hexanes, *Styrenes, Synthesis (Chemistry).

The process of butadiene polymerization was studied in
 flow-reactor under atmospheric pressure on different
 catalysts (phosphoric acid on Kieselguhr, chromia-
 alumina) and packings (active carbon, glass) at different
 space velocity and temperature. Optimum conditions of
 vinylcyclohexene formation were found on the carbon
 packing: temperature 60°C, space velocity 12 hour⁻¹.
 (Chemistry--Organic, TT, v. 11, no. 7) (over)

TT-64-14456

- I. Title: Vinyl cyclohexane
- I. Paushkin, Ya. M.
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JPMS 11452

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COMPOSITION OF THE ALCOHOLS PRODUCED BY
DIRECT OXIDATION OF PARAFFIN HYDROCARBONS
UNDER INDUSTRIAL CONDITIONS. [1963] [12p]

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Order from OTS or SLA \$1.60

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Trans. of Neftekhimiya (USSR) 1961, v. 1 [no. 2]
p. 260-265.

DESCRIPTORS: *Hydrocarbons, Oxidation, *Alcohols,
Acetates, Glycols, Separation, Chromatographic analy-
sis, Ketones, Industrial research.

It was shown, that alcohols and their acetates can be
separated from glycols and their acetates by the method
of chromatography on silica-gel. Application of the
method to the investigation of composition of the in-
dustrial alcohols, industrially produced by direct oxida-
(Engineering-Chemical, TT, v. 10, no. 11) (over)

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Scientific-Technical Conference on
the Problems of Bank Production, by
V. L. Klementso, 7 pp.

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The Effect of Pb and Antioxidants on the Lubricating
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TT-64-14457

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INVESTIGATION ON THE KINETICS AND MECHANISM OF LIQUID-PHASE CYCLODODECANE OXIDATION BY MOLECULAR OXYGEN. I. QUANTITATIVE ANALYSIS OF CYCLODODECANOL AND CYCLODODECANONE IN THE OXIDATION PRODUCTS MIXTURE BY MEANS OF THEIR INFRARED ABSORPTION SPECTRA. [1963] 8p 11refs

Order from OCS, SLA, or ETC \$1.10 TT-64-14457

Trans. of Khimicheskaya (USSR) 1961, v. 1 [no. 4]
p. 535-540. (Abstract available)

DESCRIPTORS: *Cycloalkanes, Oxidation, Alcohols, Ketones, Quantitative analysis, *Infrared spectroscopy, Absorption spectrum.

(Chemistry--Analytical, TT, v. 11, no. 7) (over)

1. Title: Cyclododecane
2. Title: Cyclododecanol
3. Title: Cyclododecanone
- I. Berezin, I. V.
- II. Bykovchenko, V. G.
- III. Meluzova, G. B.
- IV. Title: Quantitative: ...

Office of Technical Services